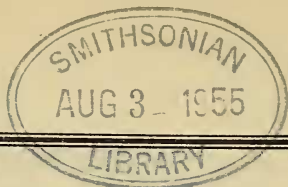


Ref



**OPINIONS AND DECLARATIONS  
RENDERED BY THE INTER-  
NATIONAL COMMISSION ON  
ZOOLOGICAL NOMENCLATURE**

*Edited by*

**FRANCIS HEMMING, C.M.G., C.B.E.**

Secretary to the Commission

VOLUME 10. Part 20. Pp. 481—492

**DIRECTION 27**

Addition to the *Official List of Family-Group Names in Zoology* of family-group names based upon the names of certain genera of non-marine Mollusca placed on the *Official List of Generic Names in Zoology* by the Ruling given in *Opinion 335*

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# INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

## COMPOSITION AT THE TIME OF THE ADOPTION OF THE RULING GIVEN IN DIRECTION 27

### A. The Officers of the Commission

*Honorary Life President* : Dr. Karl Jordan (*British Museum (Natural History), Zoological Museum, Tring, Herts., England*)

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*President* : Professor James Chester Bradley (*Cornell University, Ithaca, N.Y., U.S.A.*) (12th August 1953)

*Vice-President* : Senhor Dr. Afranio do Amaral (*Sao Paulo, Brazil*) (12th August 1953)

*Secretary* : Mr. Francis Hemming (*London, England*) (27th July 1948)

### B. The Members of the Commission

(*Arranged in order of precedence by reference to date of election or of most recent re-election, as prescribed by the International Congress of Zoology*)

Professor H. Boschma (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (1st January 1947)

Senor Dr. Angel Cabrera (*Eva Peron, F.C.N.G.R., Argentina*) (27th July 1948)

Mr. Francis Hemming (*London, England*) (27th July 1948) (*Secretary*)

Dr. Joseph Pearson (*Tasmanian Museum, Hobart, Tasmania, Australia*) (27th July 1948)

Dr. Henning Lemche (*Universitetets Zoologiske Museum, Copenhagen, Denmark*) (27th July 1948)

Professor Teiso Esaki (*Kyushu University, Fukuoka, Japan*) (17th April 1950)

Professor Pierre Bonnet (*Université de Toulouse, France*) (9th June 1950)

Mr. Norman Denbigh Riley (*British Museum (Natural History) London*) (9th June 1950)

Professor Tadeusz Jaczewski (*Institute of Zoology, Polish Academy of Sciences, Warsaw, Poland*) (15th June 1950)

Professor Robert Mertens (*Natur-Museum u. Forschungs-Institut Senckenberg, Frankfurt a. M., Germany*) (5th July 1950)

Professor Erich Martin Hering (*Zoologisches Museum der Humboldt-Universität zu Berlin, Germany*) (5th July 1950)

Senhor Dr. Afranio do Amaral (*S. Paulo, Brazil*) (12th August 1953) (*Vice-President*)

Professor J. R. Dymond (*University of Toronto, Toronto, Canada*) (12th August 1953)

Professor J. Chester Bradley (*Cornell University, Ithaca, N.Y., U.S.A.*) (12th August 1953) (*President*)

Professor Harold E. Vokes (*Johns Hopkins University, Baltimore, Maryland, U.S.A.*) (12th August 1953)

Professor Béla Hankó (*Mezőgazdasági Múzeum, Budapest, Hungary*) (12th August 1953)

Dr. Norman R. Stoll (*Rockefeller Institute for Medical Research, New York, N.Y., U.S.A.*) (12th August 1953)

Mr. P. C. Sylvester-Bradley (*Sheffield University, Sheffield, England*) (12th August 1953)

Dr. L. B. Holthuis (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (12th August 1953)

Dr. K. H. L. Key (*Commonwealth Scientific and Industrial Research Organisation, Canberra, A.C.T., Australia*) (15th October 1954)

Dr. Alden H. Miller (*Museum of Vertebrate Zoology, University of California, Berkeley, California, U.S.A.*) (29th October 1954)

Doc. Dr. Ferdinand Prantl (*Národní Museum v Praze, Prague, Czechoslovakia*) (30th October 1954)

Professor Dr. Wilhelm Kühnelt (*Zoologisches Institut der Universität, Vienna, Austria*) (6th November 1954)

Professor F. S. Bodenheimer (*The Hebrew University, Jerusalem, Israel*) (11th November 1954)

Professor Ernst Mayr (*Museum of Comparative Zoology at Harvard College, Cambridge, Massachusetts, U.S.A.*) (4th December 1954)

Professor Enrico Tortonese (*Istituto e Museo di Zoologia della Università di Torino, Torino, Italy*) (16th December 1954)

## DIRECTION 27

ADDITION TO THE " OFFICIAL LIST OF FAMILY-GROUP  
NAMES IN ZOOLOGY " OF FAMILY-GROUP NAMES  
BASED UPON THE NAMES OF CERTAIN GENERA OF  
NON-MARINE MOLLUSCA PLACED ON THE  
" OFFICIAL LIST OF GENERIC NAMES IN  
ZOOLOGY " BY THE RULING GIVEN IN  
" OPINION " 335

**RULING** :—(1) The under-mentioned family-group names, each of which is the name of a family-group taxon, the type genus of which was placed on the *Official List of Generic Names in Zoology* by the Ruling given in *Opinion 335*, are hereby placed on the *Official List of Family-Group Names in Zoology* with the Name Nos. severally specified below :—

- (a) *Name of a taxon belonging to the Class Pelecypoda* :  
PISIDIIDAE (correction of PISIDIADAE) Gray (J.E.), 1857 (type genus : *Pisidium* Pfeiffer, 1821) (for use by any worker who may consider that the genera *Pisidium* Pfeiffer and *Sphaerium* Scopoli, 1777, the type genus of the taxon SPHAERIIDAE, belong to different family-group taxa) (Name No. 36) ;
- (b) *Names of taxa belonging to the Class Gastropoda* :
- (i) ACANTHINULINAE Pilsbry (H.A.), 1926 (type genus : *Acanthinula* Beck, 1847) (Name No. 37) ;
- (ii) ARIONIDAE Gray (J.E.), 1840 (type genus : *Arion* Férussac, 1819) (Name No. 38) ;
- (iii) AZECIDAE Kennard (A.S.), & Woodward (B.B.), 1926 (type genus : *Azeca* Fleming, 1828) (Name No. 39) ;
- (iv) CARYCHIIDAE (correction of CARYCHIADAE) Jeffreys (J.G.), 1830 (type genus : *Carychium* Müller (O.F.), 1774) (first published in correct form as CARYCHIIDAE by Jeffreys, 1862) (Name No. 40) ;

AUG 29 1955

- (v) DISCINAE Thiele (J.), 1931 (type genus : *Discus* Fitzinger, 1833) (Name No. 41) ;
- (vi) EUCONULINAE Baker (H.B.), 1928 (type genus : *Euconulus* Reinhardt, 1883) (Name No. 42) ;
- (vii) HYGROMIINAE Geyer (D.), 1909 (type genus : *Hygromia* Risso, 1826) (Name No. 43) ;
- (viii) LAURIEAE Thiele (J.), 1931 (type genus : *Lauria* Gray (J.E.), 1840) (name bestowed upon a Tribus) (Name No. 44) ;
- (ix) MILACIDAE Ellis (A.E.), 1926 (type genus : *Milax* Gray (J.E.), 1855) (Name No. 45) ;
- (x) OTINIDAE Chenu (J.C.), 1859 (type genus : *Otina* Gray (J.E.), 1847) (Name No. 46) ;
- (xi) PLANORBINAE Gray (J.E.), 1840 (type genus : *Planorbis* Müller (O.F.), 1774) (Name No. 47) ;
- (xii) PUNCTINAE Morse (E.S.), 1864 (type genus : *Punctum* Morse, 1864) (Name No. 48) ;
- (xiii) PUPILLIDAE (correction of PUPILLADAE) Turton (W.), 1831 (type genus : *Pupilla* Fleming, 1828) (first published in correct form as PUPILLIDAE by Kennard (A.S.) & Woodward (B.B.), 1914) (Name No. 49) ;
- (xiv) PYRAMIDULIDAE Kennard (A.S.) & Woodward (B.B.), 1914 (type genus : *Pyramidula* Fitzinger, 1833) (Name No. 50) ;
- (xv) RUMININAE Thiele (J.), 1931 (type genus : *Rumina* Risso, 1826) (Name No. 51) ;
- (xvi) SUBULINIDAE Thiele (J.), 1931 (type genus : *Subulina* Beck, 1837) (Name No. 52) ;
- (xvii) VALLONIIDAE Pilsbry (H.A.), 1900 (type genus : *Vallonia* Risso, 1826) (Name No. 53) ;
- (xviii) VALVATIDAE Gray (J.E.), 1840 (type genus : *Valvata* Müller (O.F.), 1774) (Name No. 54) ;

- (xix) VERTIGINIDAE Stimpson, 1851 (type genus : *Vertigo* Müller (O.F.), 1774) (Name No. 55) ;
- (xx) VITREINAE Thiele (J.), 1931 (type genus : *Vitrea* Fitzinger, 1833) (Name No. 56).

(2) The under-mentioned family-group names, each of which is an Invalid Original Spelling for a name placed on the *Official List of Family-Group Names in Zoology* by the Ruling given in (1) above, are hereby placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* :—

- (i) PISIDIADAE Gray (J.E.), 1857 (type genus : *Pisidium* Pfeiffer, 1821) (an Invalid Original Spelling for PISIDIIDAE) (Name No. 43) ;
- (ii) CARYCHIADAE Jeffreys (J.G.), 1830 (type genus : *Carychium* Müller (O.F.), 1774) (an Invalid Original Spelling for CARYCHIIDAE) (Name No. 44) ;
- (iii) PUPILLADAE Turton (W.), 1831 (type genus : *Pupilla* Fleming, 1828) (an Invalid Original Spelling for PUPILLIDAE) (Name No. 45).

#### I.—THE SUBJECT MATTER OF THE PRESENT “ DIRECTION ”

The present *Direction* contains the decisions taken by the International Commission for the purpose of giving effect, so far as concerns the names of genera of Mollusca dealt with in *Opinion* 335, to the General Directive given to it by the International Congress of Zoology that, when generic names are dealt with in *Opinions*, the family-group-name implications are also to be considered. The proposals on which the decisions in the present case were based were submitted to the Commission on 18th April 1955 in the following paper prepared by the

Secretary in consultation with Mr. A. E. Ellis, the original applicant in the case dealt with in the *Opinion* referred to above :—

**Proposed addition to the “ Official List of Family-Group Names in Zoology ” of family-group names based upon the names of certain genera of non-marine Mollusca placed on the “ Official List of Generic Names in Zoology ” in “ Opinion ” 335**

By FRANCIS HEMMING, C.M.G., C.B.E.,

*Secretary to the International Commission on Zoological Nomenclature*

The object of the present paper is to examine the family-group-name problems involved in the Ruling given by the Commission in *Opinion* 335 in which the names of thirty-four (34) genera of non-marine Mollusca were placed on the *Official List of Generic Names in Zoology* and to submit proposals to the Commission for the addition to the *Official List of Family-Group Names in Zoology* of family-group names based upon the generic names in question where such action appears to be called for under the General Directives on this subject issued to the Commission by the International Congress of Zoology.

2. The grateful thanks of the Commission are due to Mr. A. E. Ellis (*Epsom College, Epsom, England*), the original applicant in the case dealt with in *Opinion* 335, for the investigations which he has undertaken for the purpose of placing the Commission in a position to reach decisions on the family-group-name aspects of the case dealt with in the foregoing *Opinion*. The Commission is much indebted also to Dr. L. R. Cox (*British Museum (Natural History), London*) for similar investigations which he has been so kind as to make.

3. The Reports referred to above show that twenty-two of the genera, the names of which are here concerned, have been taken as the type genera of family-group taxa. Twenty-one of the family-group names concerned are given in Annexe 1 to the present paper and it is recommended that these names should be placed on the *Official List*. For the reasons explained in paragraph 4 below it is recommended that no action should be taken at present in regard to the family-group name based upon the twenty-second of the generic names referred to above (*Corbicula* Megerle von Muehlfeld, 1811). In Annexe 2 are given three Invalid Original Spellings which under the Directives referred to above should now be placed upon the *Official Index* of rejected and invalid names of the family-group category. Annexe 3 contains a list of the twelve generic names dealt with in *Opinion* 335 which have not been taken as the base for family-group names.

4. For many years the generic name *Cyrena* Lamarck, 1818 (*Hist. nat. Anim. sans Vertèbr.* 5 : 551) was very familiar in the literature of the Lamellibranchs, the genus so named being the type genus of the

family CYRENIDAE. The discovery that the generic name *Corbicula* Megerle von Muehlfeld, 1811, was a senior synonym of *Cyrena* Lamarck led, however, to the disappearance of the name *Cyrena* in synonymy and to the substitution by most subsequent authors of the family name CORBICULIDAE for the family name CYRENIDAE. Under a decision taken by the International Congress of Zoology, Copenhagen (1953, *Copenhagen Decisions zool. Nomencl.* : 56, Decision 54(1)(a)) a family-group name is not, however, to be rejected when the name of its type genus is found to be either a junior objective synonym, or a junior subjective synonym, of some older generic name. Accordingly, the present position is that, although the generic name *Cyrena* Lamarck has long been sunk in synonymy and the name CORBICULIDAE has come into general use as the name of the family containing the genus (*Corbicula*), of which the name *Cyrena* is a junior synonym, the correct name for the family is once more CYRENIDAE and the name CORBICULIDAE becomes an invalid name. My recommendation is that at the present time the Commission take no action in regard to these names. This recommendation is based upon two grounds: (1) The decision by the Copenhagen Congress discussed above has been very severely criticised and there are grounds for expecting that a proposal (of which notice has already been received) that this decision be reversed will be strongly pressed at the next (Fifteenth) International Congress of Zoology when it meets in London in 1958. If such a proposal were to be accepted by that Congress, the name CORBICULIDAE would again become the oldest available name for the family concerned and the name CYRENIDAE would for the second time become an invalid name. It is clearly desirable therefore that the Commission should avoid complicating the issue by placing the first of these names on the *Official Index* of rejected and invalid names. (2) The substitution of the name CORBICULIDAE for the name CYRENIDAE caused confusion and inconvenience at the time when it was made but these difficulties have in the course of the years been substantially overcome. The Copenhagen decision will, if applied in this case, usher in a new era of confusion and lack of uniformity in the nomenclature of this group. The change required by the Copenhagen decision has not yet, I understand, been made and I gather that there is a possibility that specialists in this group may ask the Commission to use its Plenary Powers to prevent it from happening<sup>1</sup>. For this reason it would be undesirable for the Commission to prejudice the issue by taking any action in this matter at the present time.

## ANNEXE I

**Names proposed to be placed on the "Official List of Family-Group Names in Zoology"**

Class Pelecypoda

PISIDIIDAE (correction of PISIDIADAE) Gray (J.E.), 1857, Turton's *Manual Land Freshwater Shells Brit. Islands* (3rd ed.): xvi (type

<sup>1</sup> This question is being further examined on the Commission's File Z.N.(S.) 992.

genus : *Pisidium* Pfeiffer, 1821) (for use by any worker who may consider that *Pisidium* Pfeiffer and *Sphaerium* Scopoli, 1777, the type genus of the taxon SPHAERIIDAE, belong to different family-group taxa)

### Class Gastropoda

- ACANTHINULINAE Pilsbry (H.A.), 1926, Tryon's *Manual Conch.* 27 : 186 (type genus : *Acanthinula* Beck, 1847)
- ARIONIDAE Gray (J.E.), 1840, Turton's *Manual Land Freshwater Shells Brit. Islands* (new ed.) : 101 (type genus : *Arion* Férussac, 1819)
- AZECIDAE Kennard (A.S.) & Woodward (B.B.), 1926, *Syn. Brit. non-mar. Moll.* : xvi (type genus : *Azeca* Fleming, 1828)
- CARYCHIIDAE (correction of CARYCHIADAE) Jeffreys (J.G.), 1830, *Trans. linn. Soc. Lond.* 16 : 324 (type genus : *Carychium* Müller (O.F.), 1774) (first published in correct form, as CARYCHIIDAE, by Jeffreys, 1862, *Brit. Conch.* 1 : 299)
- DISCINAE Thiele (J.), 1931, *Handb. syst. Weichtierk.* 1 : 578 (type genus : *Discus* Fitzinger, 1833)
- EUCONULINAE Baker (H.B.), 1928, *Proc. Acad. nat. Sci. Philad.* 80 : 9 (type genus : *Euconulus* Reinhardt, 1883)
- HYGROMIINAE Geyer (D.), 1909, *Unsere Land-u. Süßwasser-Moll.* (ed. 2) : 11 (type genus : *Hygromia* Risso, 1826)
- LAURIEAE Thiele (J.), 1931, *Handb. syst. Weichtierk.* 1 : 509 (type genus : *Lauria* Gray (J.E.), 1840) (name bestowed upon a Tribus)
- MILACIDAE Ellis (A.E.), 1926, *Brit. Snails* : 252 (type genus : *Milax* Gray (J.E.), 1855)
- OTINIDAE Chenu (J.C.), 1859, *Manuel Conchyliol.* 1 : 479 (type genus : *Otina* Gray (J.E.), 1847)
- PLANORBINAE Gray (J.E.), 1840, Turton's *Manual Land Freshwater Shells Brit. Islands* (new ed.) : 256 (type genus : *Planorbis* Müller (O.F.), 1774)
- PUNCTINAE Morse (E.S.), 1864, *J. Portland Soc. nat. Hist.* 1 : 27 (type genus : *Punctum* Morse, 1864)
- PUPILLIDAE (correction of *Pupilladae*) Turton (W.), 1831, *Manual Land Freshwater Shells Brit. Islands* : 8 (type genus : *Pupilla* Fleming, 1828 (first published with corrected spelling as PUPILLIDAE by Kennard (A.S.) & Woodward (B.B.), 1914, *List Brit. non-mar. Moll.* : 2)
- PYRAMIDULIDAE Kennard (A.S.) & Woodward (B.B.), 1914, *List Brit. non-mar. Moll.* : 1 (type genus : *Pyramidula* Fitzinger, 1833)
- RUMININAE Thiele (J.), 1931, *Handb. syst. Weichtierk.* 1 : 554 (type genus : *Rumina* Risso, 1826)
- SUBULINIDAE Thiele (J.), 1931, *Handb. syst. Weichtierk.* 1 : 549 (type genus : *Subulina* Beck, 1837)



VALLONIIDAE Pilsbry (H.A.), 1900, *Proc. Acad. nat. Sci. Philad.* **1900** : 564 (type genus : *Vallonia* Risso, 1826)

VALVATIDAE Gray (J.E.), 1840, Turton's *Manual Land Freshwater Shells Brit. Islands* (new ed.) : 79 (type genus : *Valvata* Müller (O.F.), 1774)

VERTIGINIDAE Stimpson, 1851, *Shells New Engl.* : 53 (type genus : *Vertigo* Müller (O.F.), 1774)

VITREINAE Thiele (J.), 1931, *Handb. syst. Weichtierk.* **1** : 587 (type genus : *Vitrea* Fitzinger, 1833)

NOTE :—While it is believed that in each case the reference given is to the first place where the name in question was published, it must be understood in this as in similar cases already dealt with by the Commission that it cannot be certain that the earliest reference has been detected in every case.

## ANNEXE 2

### Names proposed to be placed on the " Official Index of Rejected and Invalid Family-Group Names in Zoology "

PISIDIADAE Gray (J.E.), 1857 (an Invalid Original Spelling for PISIDIIDAE)

CARYCHIADAE Jeffreys (J.G.), 1830 (an Invalid Original Spelling for CARYCHIIDAE)

PUPILLADAE Turton (W.), 1831 (an Invalid Original Spelling for PUPILLIDAE)

## ANNEXE 3

### Names placed on the " Official List of Generic Names in Zoology " in " Opinion " 335, which are not the names of type genera of family-group taxa

*Abida* Turton, 1831

*Aplexa* Fleming, 1820

*Arianta* Turton, 1831

*Balea* Gray (J.E.), 1824

*Cecilioides* Férussac, 1814

*Cochlicella* Férussac, 1821

*Geomalacus* Allman, 1843

*Retinella* Fischer, 1877

*Segmentina* Fleming, 1818

*Theodoxus* Montfort, 1810

*Truncatellina* Lowe, 1852

*Zonitoides* Lehmann, 1862

**2. Registration of the present application :** As explained in *Opinion 335*<sup>2</sup>, the examination of the problem of how to complete at the family-group-name level the action taken in that *Opinion* at the generic-name level was conducted on the Commission's File Z.N.(G.) 78, which had been specially opened for that purpose. On the completion of that examination and the consequent submission of the present application, the foregoing problem was registered in the Commission's Z.N.(S.) Series under the number Z.N.(S.) 917.

## II.—THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

**3. Issue of Voting Paper V.P.(O.M.)(55)14 :** On 18th April 1955 a Voting Paper (V.P.(O.M.)(55)14) was issued in which each Member of the Commission was asked (1) to state whether he agreed "that, in conformity with the General Directive relating to the recording on the various *Official Lists* and *Official Indexes* of decisions in regard to particular names and particular books issued to the International Commission by the Thirteenth International Congress of Zoology, Paris, 1948, and with the General Directive supplementary thereto issued to the Commission by the Fourteenth International Congress of Zoology, Copenhagen, 1953, the entries as respects the family-group names involved in the cases relating to the generic names of non-marine Mollusca dealt with in *Opinion 335*, recommended in paragraph 3 of the paper numbered Z.N.(S.) 917 submitted by the Secretary simultaneously with the present Voting Paper [i.e. in paragraph 3 of the application reproduced in the first paragraph of the present *Direction*], should be made in the *Official List* and *Official Index* for the names of taxa belonging to the family-group, as there proposed" and (2), if he did not so agree as regards any given item, to indicate that item.

**4. The Prescribed Voting Period :** As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period closed on 18th May 1955.

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<sup>2</sup> See page 75 of the present volume.

**5. Particulars of the Voting on Voting Paper V.P.(O.M.)(55)14 :**

At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(O.M.)(55)14 was as follows :—

- (a) *Affirmative Votes had been given by the following twenty-four (24) Commissioners (arranged in the order in which Votes were received) :*

Sylvester-Bradley ; Lemche ; Stoll ; Hering ; Tortonese ; Vokes ; Mayr ; Boschma ; Esaki ; Miller ; Hankó ; Jaczewski ; Prantl ; Key ; Mertens ; Bonnet ; Hemming ; Dymond ; Kühnelt ; do Amaral ; Cabrera ; Riley ; Bodenheimer ; Bradley (J.C.) ;

- (b) *Negative Votes :*

None ;

- (c) *Leave of Absence, one (1) :*

Holthuis ;

- (d) *Voting Papers not returned :*

None.

**6. Declaration of Result of Vote :** On 19th May 1955, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(O.M.)(55)14, signed a Certificate that the Votes cast were as set out in paragraph 5 above and declaring that the proposal submitted in the foregoing Voting-Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

**7. Preparation of the Ruling given in the present “ Direction ” :** On 23rd May 1955 Mr. Hemming prepared the Ruling given in the present *Direction* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(O.M.)(55)14.

8. **Original References :** The original references for the family-group names placed upon the *Official List* and *Official Index* of names of that category by the Ruling given in the present *Direction* are as set out in Annexe 1 to the application reproduced in paragraph 1 thereof.

9. The names of the genera which are the type genera of the family-group taxa, the names of which have been placed on the *Official List of Family-Group Names in Zoology* by the Ruling given in the present *Direction*, have been placed on the *Official List of Generic Names in Zoology* by the Rulings given in *Opinion* 335, in which *Opinion* are given the references for each of the generic names concerned.

10. The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Direction* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

11. The present *Direction* shall be known as *Direction* Twenty-Seven (27) of the International Commission on Zoological Nomenclature.

DONE in London, this Twenty-Third day of May, Nineteen Hundred and Fifty-Five.

*Secretary to the International Commission  
on Zoological Nomenclature*

**FRANCIS HEMMING**

#### Notice to Subscribers

The present volume contains *Directions* 14 and 27 and 28. The *Directions* numbered 15 to 26 are concerned with matters arising on *Opinions* published in the period up to the end of 1936 (*Opinions* 1—133) and are being published in Section C of volume 1 of the present work.